

Turnaround Academy Data Analysis

About this data analysis¹

This document presents enrollment, attendance, and student performance data for each of Indiana's nine turnaround academies. It includes two parts: the first part includes summary statistics across all of the schools while the second part includes individual school profiles.

The data presented aim to capture changes at the schools since state takeover. At many of the schools, student enrollment has changed dramatically since state intervention. For example, Broad Ripple transformed from a 7-12 community school to a 9-12 magnet high school. Similarly, student enrollment at Theodore Roosevelt has nearly halved, while the percentage of students qualifying for free or reduced price lunch (FRL) attending the school has increased by more than 21 percentage points.

Given these large shifts in student enrollment, it is not clear whether changes in academic performance reflect changing student populations or the impact of state intervention. As a result, these data are descriptive, and not intended to comprehensively evaluate the effectiveness of state intervention efforts.

Part 1. Summary Statistics

Change in Overall Enrollment, FRL Enrollment, and Attendance since Baseline Year

- Student enrollment at the five turnaround academies implementing a TSO model dropped by at least 23 percent over enrollment in the baseline year, and by as much as 63 percent. In contrast, student enrollment has increased since the baseline year at all but one (Broad Ripple) of the turnaround academies implementing the Lead Partner model.
- In all but one instance (Emma Donnan), the percentage of FRL students enrolled at turnaround academies implementing a TSO model increased since the baseline year. The percentage of FRL students enrolled at turnaround academies implementing a Lead Partner model remained relatively flat since the baseline, with the exception of John Marshall where it decreased by more than 14 percentage points.
- Since the baseline year, attendance rates dropped at every turnaround academy except for Arlington (+4.9 percentage points) and Glenwood (no change).

Table 1. Change in Overall Enrollment, FRL enrollment, and Attendance since Baseline Year

School	Grade Served	Baseline Year	Enrollment (students)	FRL (percentage pts)	Attendance (percentage pts)
Turnaround School Operator					
Theodore Roosevelt	7-12	2011-12	-455	21.1	-18.4
Arlington	7-12	2011-12	-776	12.0	4.9
Emma Donnan	7-8	2011-12	-512	-10.0	-2.9
Emmerich Manual	9-12	2011-12	-165	8.6	-10.9
Thomas Carr Howe	7-12	2011-12	-385	13.5	-1.4
Lead Partner Model					
Broad Ripple	9-12	2010-11	-2	3.5	-1.4
George Washington	9-12	2010-11	115	-4.6	-0.5
John Marshall	9-12	2011-12	75	-14.2	-2.4
Glenwood	K-8	2012-13	7	1.6	0.0
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.

Change in High School Performance since Baseline Year

- Just one school – Emmerich Manual – has demonstrated improvement across all four of the high school performance metrics we analyzed – non-waiver graduation rate, ALG 1 ECA, ENG ECA, and BIO ECA – since the baseline year. Results varied widely across tests and between schools.

Table 2. Change in High School Performance since Baseline Year

School	Non-Waiver Graduation Rate ² (percentage pts)	ALG 1 ECA Pass Rate (percentage pts)	ENG ECA Pass Rate (percentage pts)	BIO ECA Pass Rate (percentage pts)
Turnaround School Operator				
Theodore Roosevelt	2.0	13.9	-3.7	4.1
Arlington	-2.8	15.1	3.2	-13.3
Emmerich Manual	4.2	3.7	11.6	11.5
Thomas Carr Howe	-2.6	-1.5	-4.5	-16.0
Lead Partner Model				
Broad Ripple	15.4	-10.7	0.4	-0.3
Georgia Washington	2.9	-10.6	-6.4	13.8
John Marshall	-4.6	10.8	-1.0	1.3
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.

Change in Student Performance in Middle Grades 7-8 since Baseline Year

- Since the baseline year, the median student growth percentile (SGP) in ELA increased by 10 or more points at all five turnaround academies serving students in grades 7 and 8.
- Two turnaround academies, Arlington and Emma Donnan, demonstrated growth across all four performance metrics we examined.

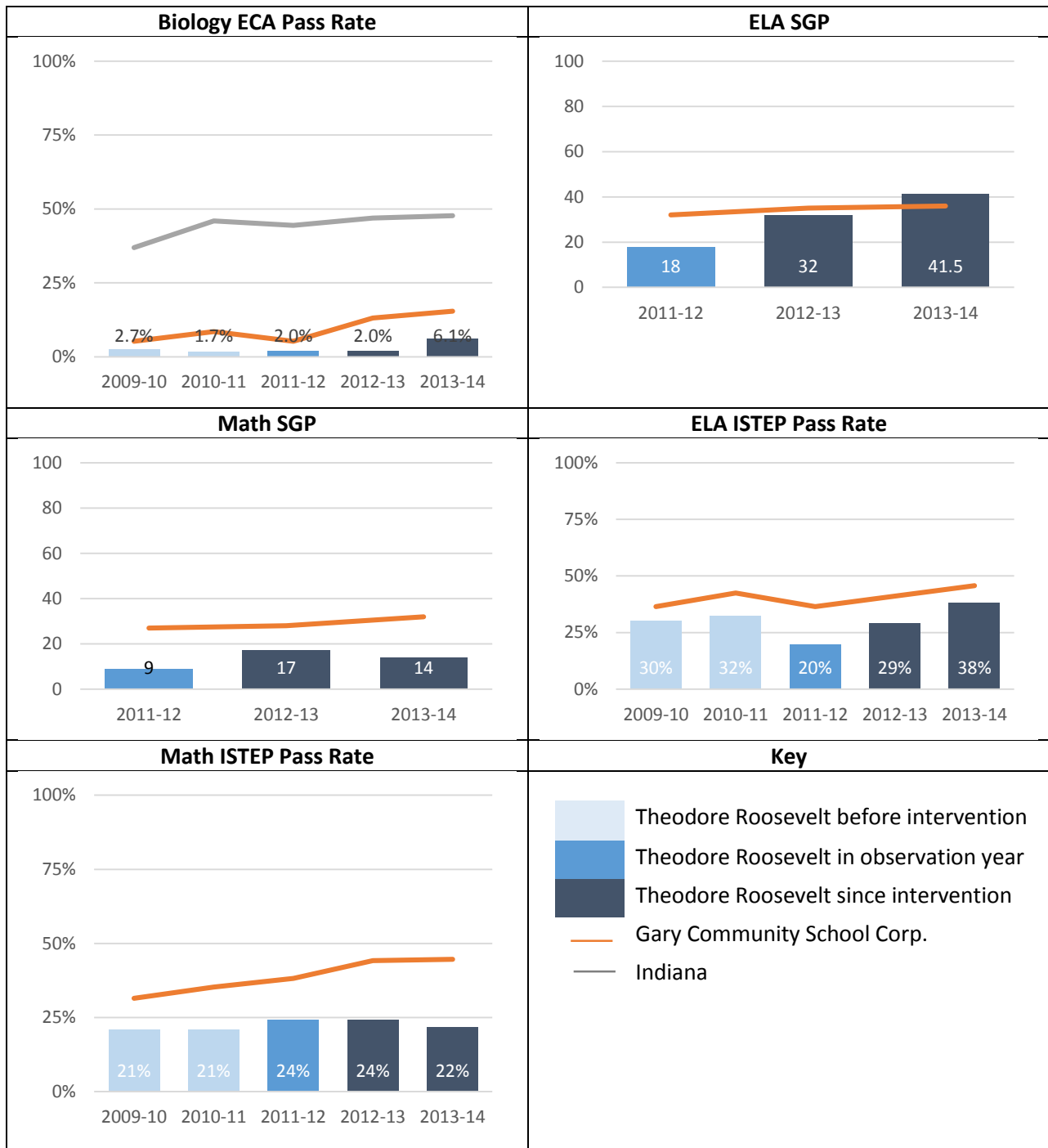
Table 3. Change in Student Performance in Middle Grades 7-8 since Baseline Year

School		ELA SGP (points)	Math SGP (points)	ELA Pass Rate (percentage pts)	Math Pass Rate (percentage pts)
Turnaround School Operator					
Theodore Roosevelt		23.5	5	-3.3	3.1
Arlington		13.5	33	17.4	14.6
Emma Donnan		10	4	4.5	7.6
Thomas Carr Howe		22	-8.5	17.1	1.5
Lead Partner Model					
Glenwood		5	5	0.4	-8.7
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.

Part 2. School Profiles

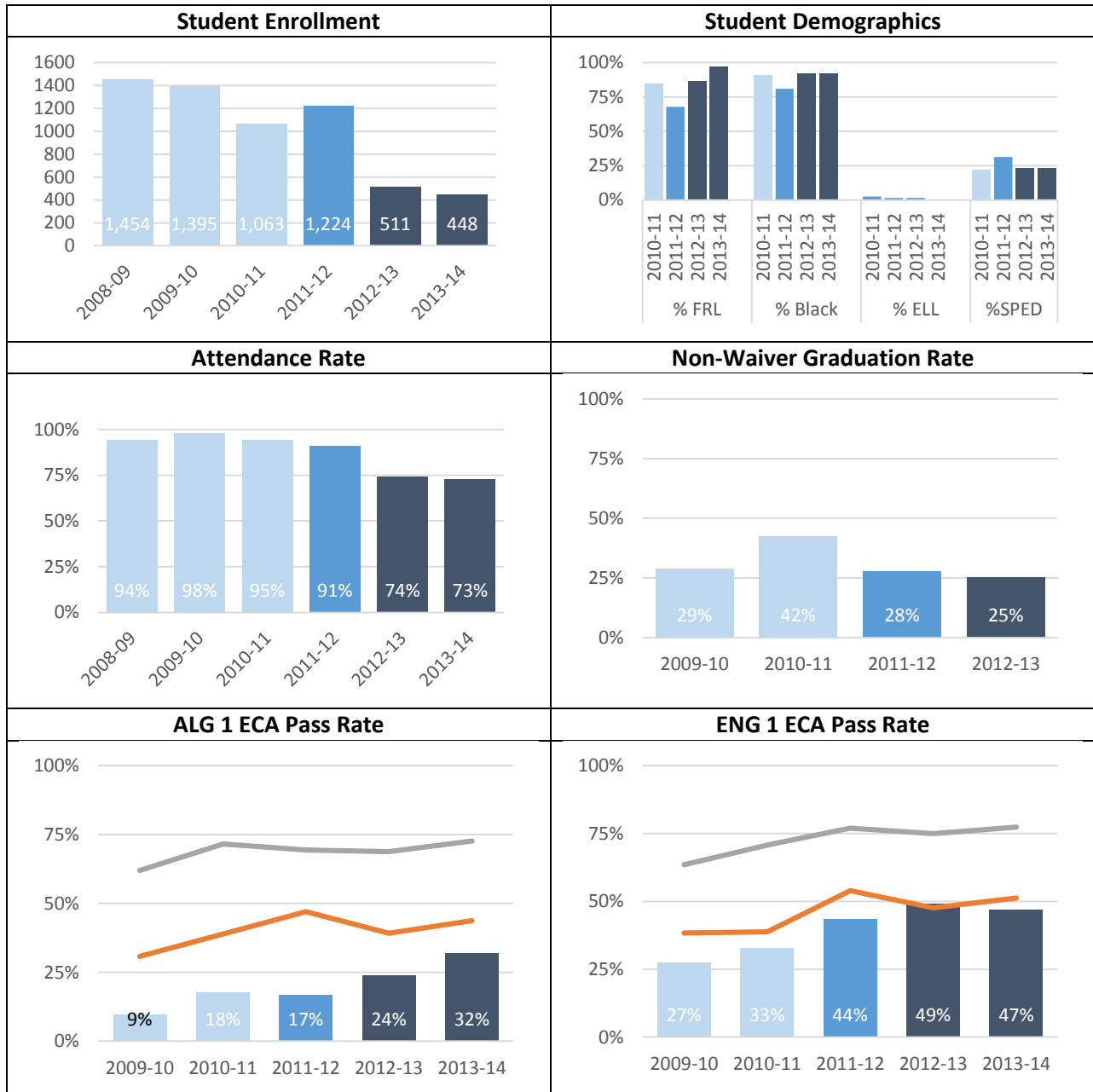
Theodore Roosevelt (GCSC) – TSO Model

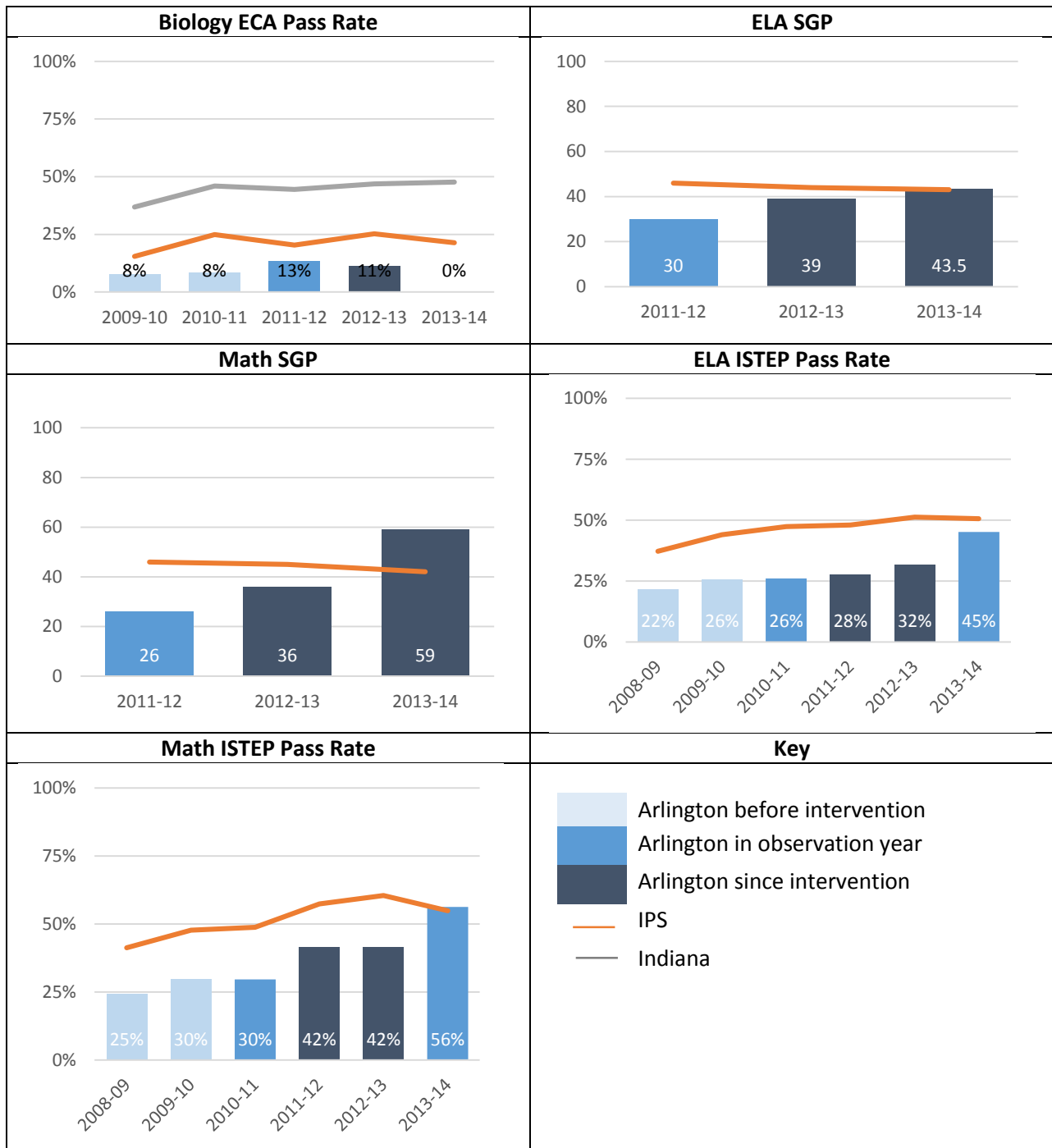




	Pre-Intervention Years		Obs. Year	Intervention Years		
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 11-12
Attendance	97.9%	94.5%	91.2%	74.40%	72.8%	-18.4
Non-Waiver Graduation Rate	25.6%	46.0%	27.7%	29.7%	N/A	2.0
ALG 1 Pass Rate	10.8%	13.4%	16.3%	14.7%	30.2%	13.9
ENG 10 Pass Rate	14.4%	26.9%	26.8%	26.0%	23.1%	-3.7
Biology Pass Rate	2.7%	1.7%	2.0%	2.0%	6.1%	4.1
ELA SGP	N/A	N/A	18	32	41.5	23.5
Math SGP	N/A	N/A	9	17	14	5
ELA ISTEP Pass Rate	N/A	30.1%	32.4%	19.6%	29.1%	-3.3
Math ISTEP Pass Rate	N/A	21.0%	21.0%	24.1%	24.1%	3.1
School Grade	F	F	F	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

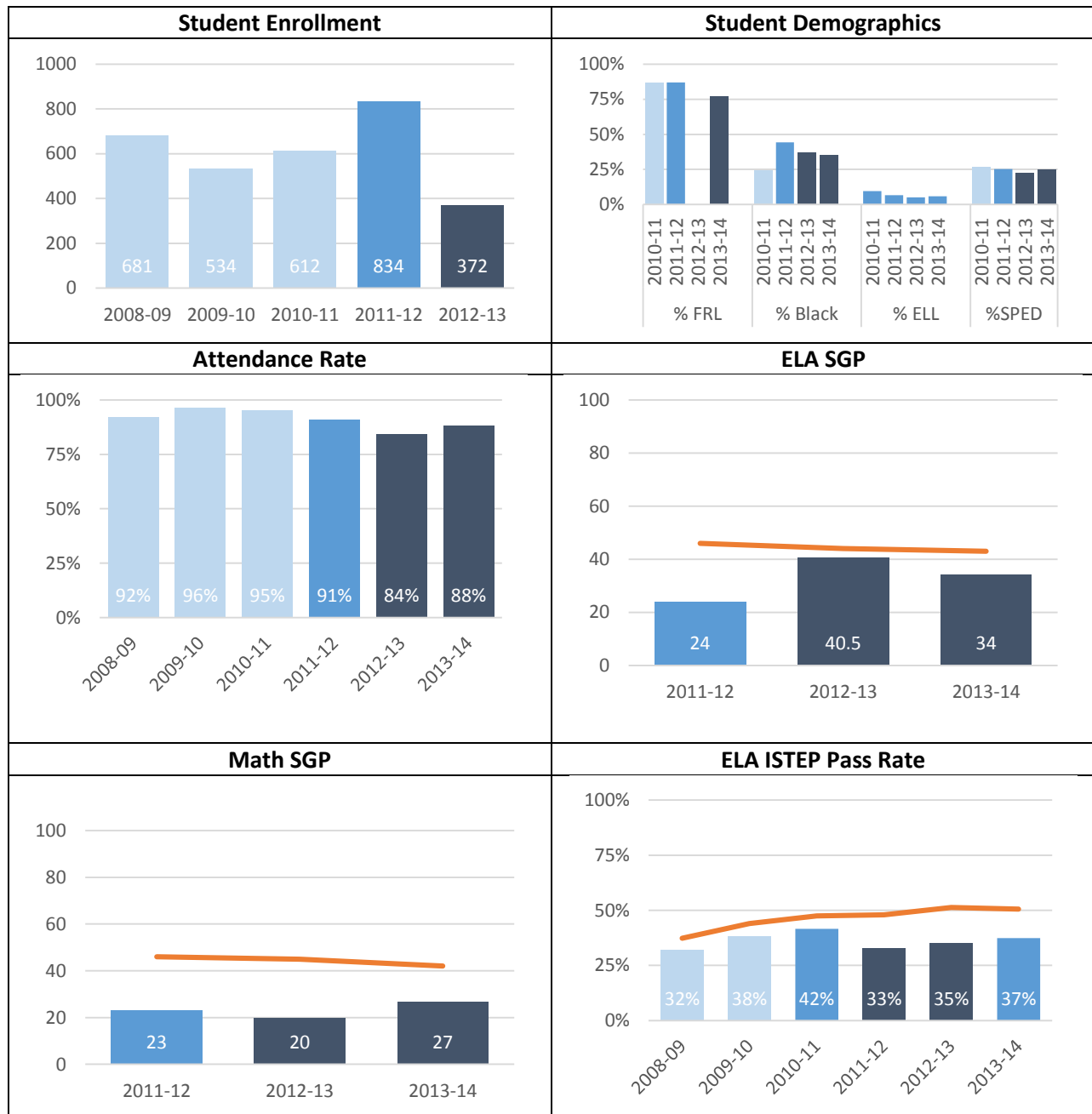
Arlington (IPS) – TSO Model

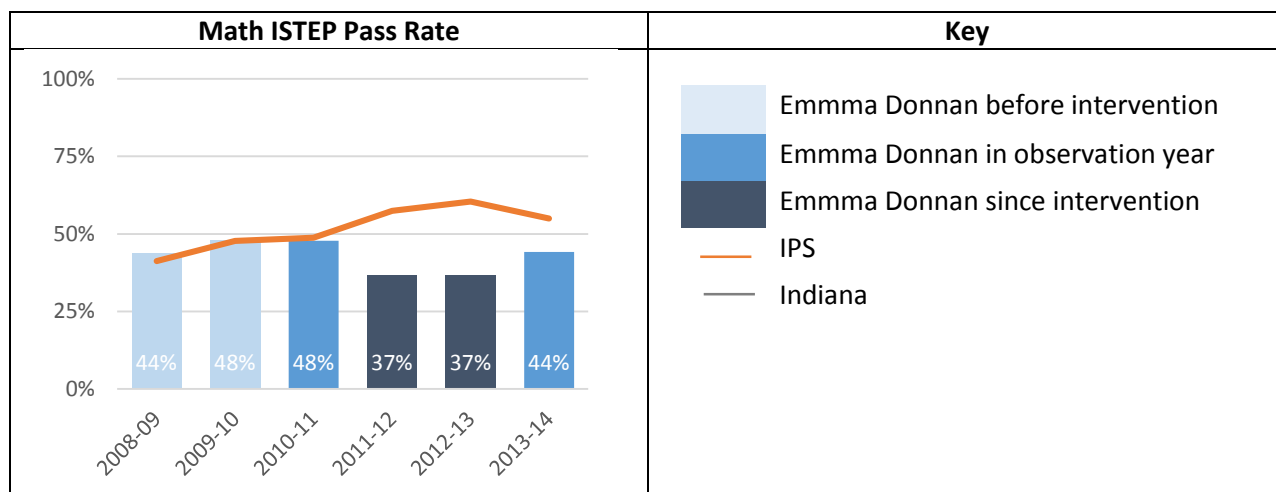




	Pre-Intervention Years		Obs. Year	Intervention Years		
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 11-12
Attendance	88.7%	90.1%	87.6%	88.20%	92.5%	4.9
Non-Waiver Graduation Rate	28.8%	42.3%	27.8%	25.0%	N/A	-2.8
ALG 1 Pass Rate	9.5%	17.6%	16.8%	23.9%	31.9%	15.1
ENG 10 Pass Rate	27.4%	32.8%	43.7%	49.3%	46.9%	3.2
Biology Pass Rate	7.7%	8.5%	13.3%	11.1%	0.0%	-13.3
ELA SGP	N/A	N/A	30	39	43.5	13.5
Math SGP	N/A	N/A	26	36	59	33
ELA ISTEP Pass Rate	25.8%	26.1%	27.8%	31.6%	45.2%	17.4
Math ISTEP Pass Rate	29.7%	29.7%	41.7%	41.7%	56.3%	14.6
School Grade	F	F	N/A	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

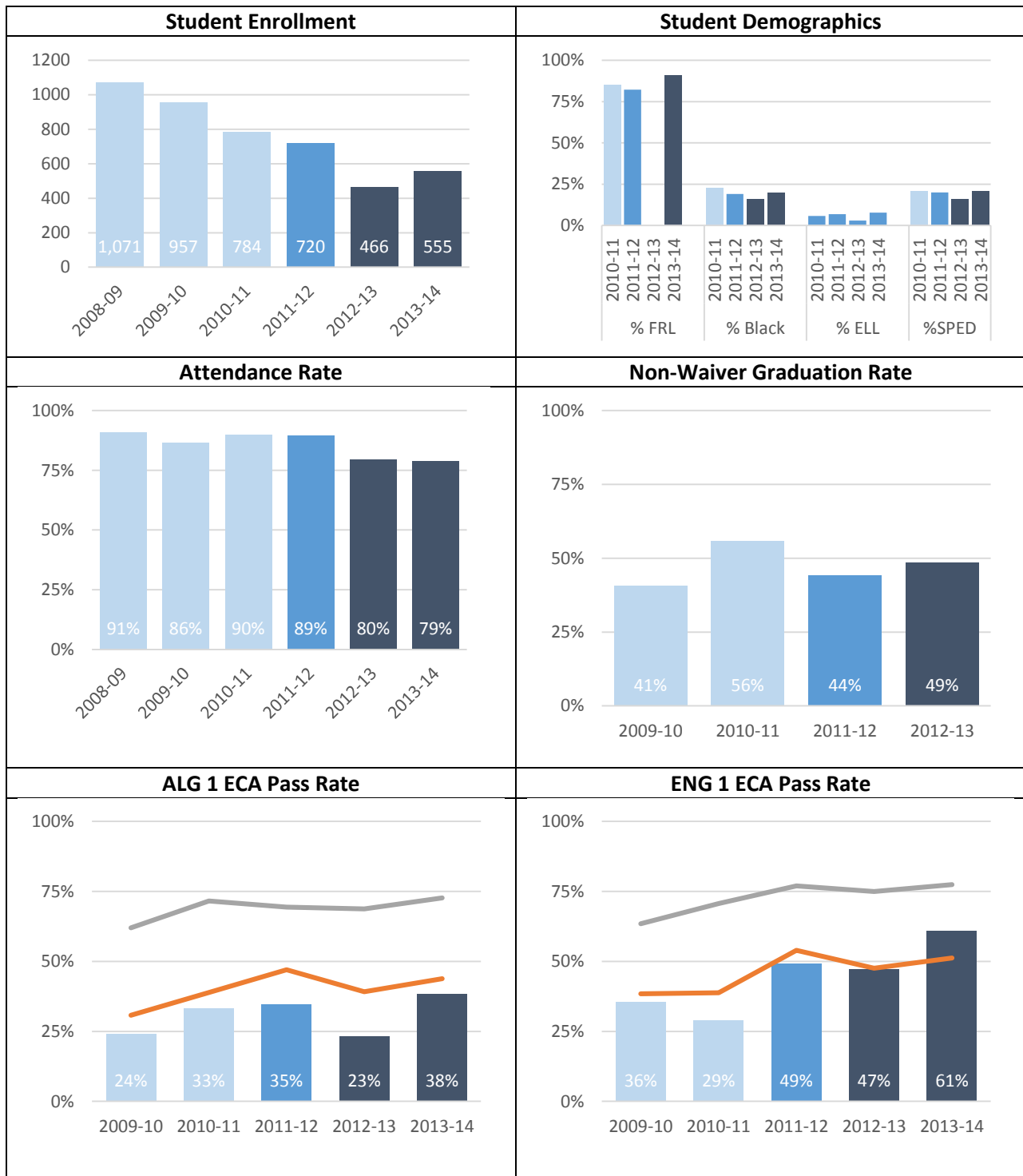
Emma Donnan (IPS) – TSO Model

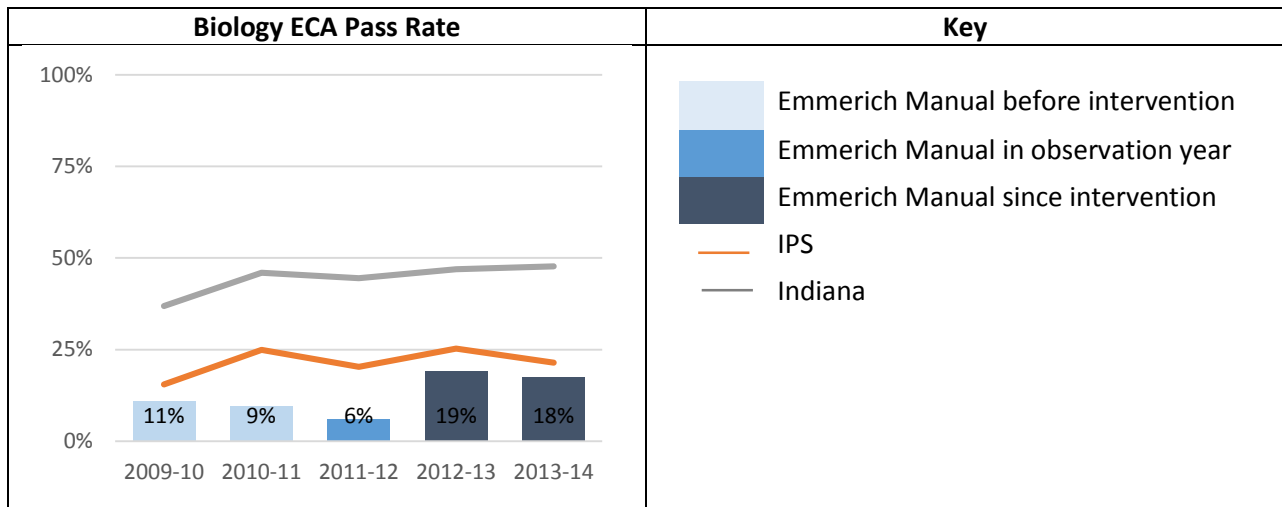




	Pre-Intervention Years		Obs. Year	Intervention Years		
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 11-12
Attendance Rate	96.2%	95.1%	91.0%	84.20%	88.1%	-2.9
ELA SGP	N/A	N/A	24	40.5	34	10
Math SGP	N/A	N/A	23	20	27	4
ELA ISTEP Pass Rate	38.3%	41.6%	32.9%	35.3%	37.4%	4.5
Math ISTEP Pass Rate	47.8%	47.8%	36.6%	36.6%	44.2%	7.6
School Grade	F	F	F	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

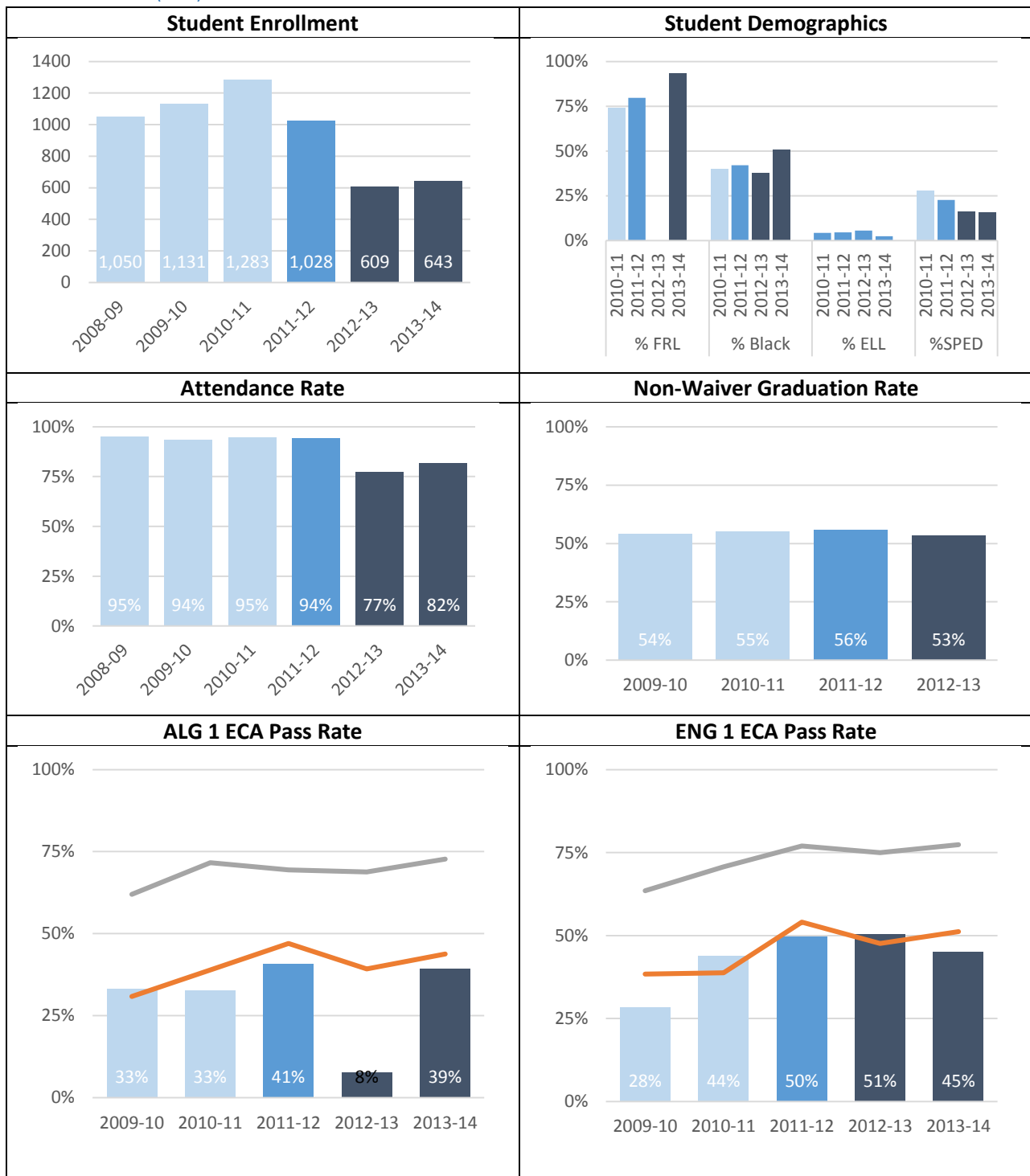
Emmerich Manual (IPS) – TSO Model

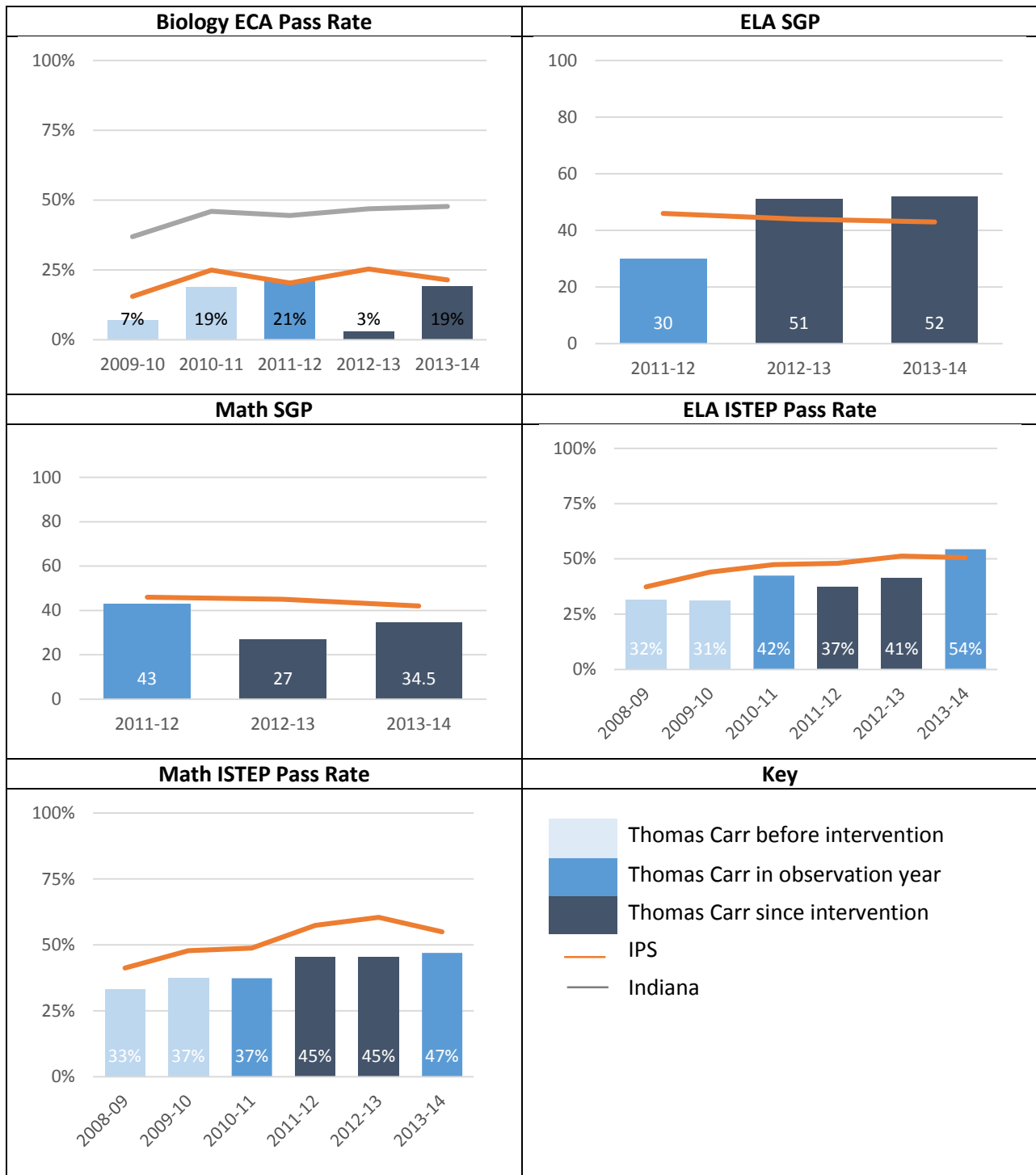




	Pre-Intervention Years		Obs. Year	Intervention Years		
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 11-12
Attendance	86.3%	89.8%	89.5%	79.5%	78.6%	-10.9
Non-Waiver Graduation Rate	40.6%	55.8%	44.3%	48.5%	N/A	4.2
ALG 1 Pass Rate	24.2%	33.3%	34.6%	23.3%	38.3%	3.7
ENG 10 Pass Rate	35.7%	28.9%	49.3%	47.2%	60.9%	11.6
Biology Pass Rate	10.9%	9.4%	6.0%	19.2%	17.5%	11.5
School Grade	F	F	F	F	D	+1 letter grade
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

Thomas Carr (IPS) – TSO Model

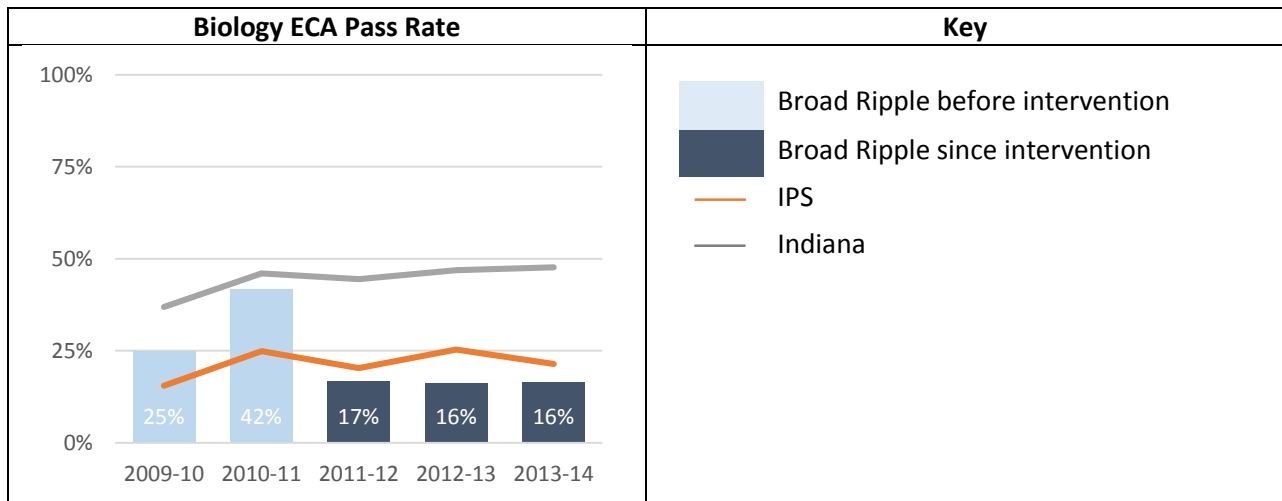




	Pre-Intervention Years		Obs. Year	Intervention Years		
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 11-12
Attendance	97.1%	95.9%	97.2%	96.9%	95.8%	-1.4
Non-Waiver Graduation Rate	54.0%	55.3%	55.9%	53.3%	N/A	-2.6
ALG 1 Pass Rate	33.3%	32.7%	40.9%	7.7%	39.4%	-1.5
ENG 10 Pass Rate	28.2%	43.9%	49.6%	50.5%	45.1%	-4.5
Biology Pass Rate	N/A	6.9%	18.9%	21.2%	2.9%	-16.0
ELA SGP	N/A	N/A	30	51	52	22
Math SGP	N/A	N/A	43	27	34.5	-8.5
ELA ISTEP Pass Rate	31.3%	42.4%	37.2%	41.3%	54.4%	17.1
Math ISTEP Pass Rate	37.4%	37.4%	45.5%	45.5%	47.0%	1.5
School Grade	F	F	F	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

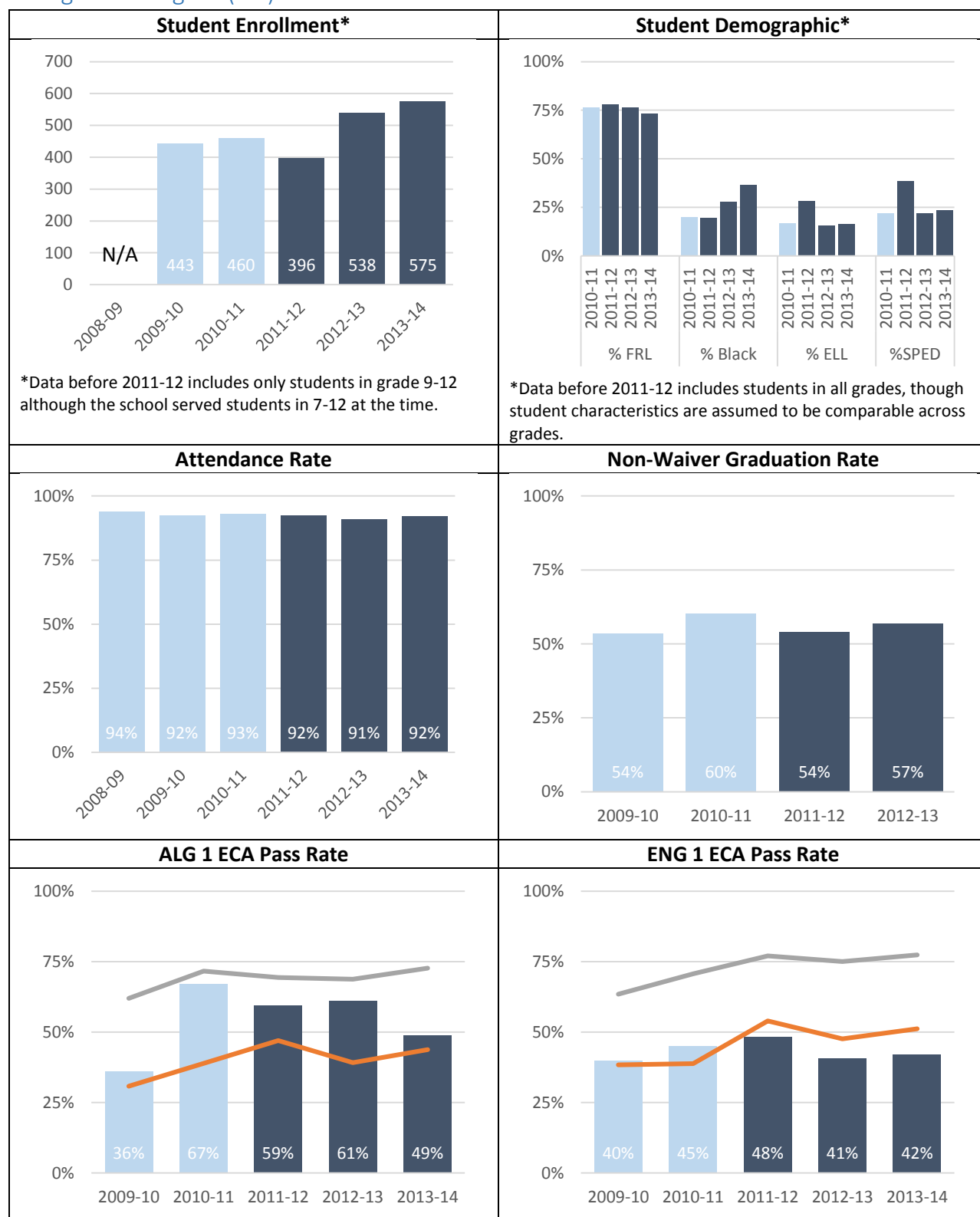
Broad Ripple (IPS) – Lead Partner Model

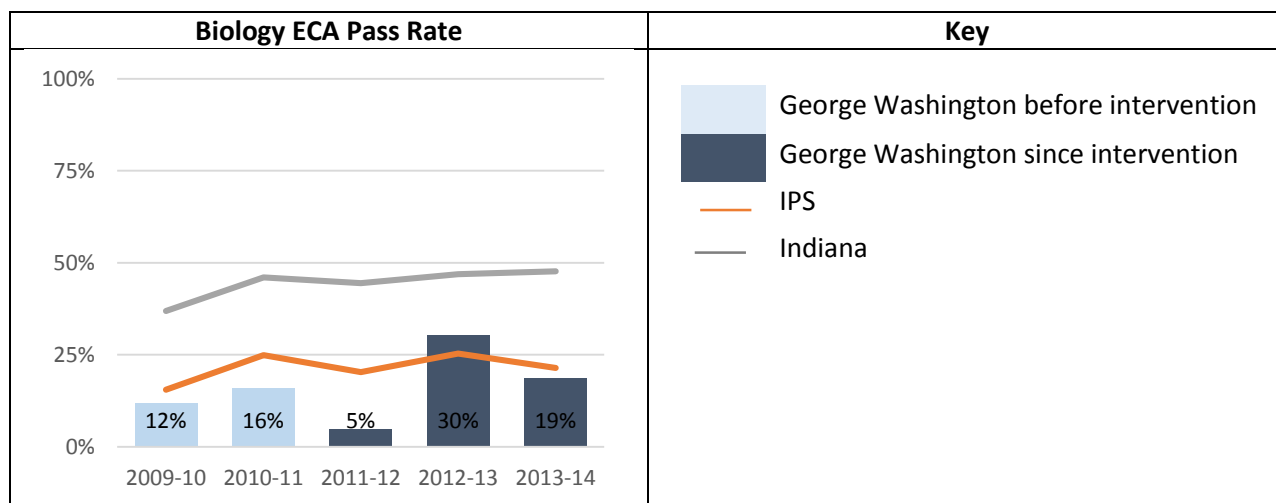




	Pre Intervention Years		Intervention Years			
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 10-11
Attendance	97.1%	95.9%	97.2%	96.90%	95.8%	-0.1
Non-Waiver Graduation Rate	54.4%	70.5%	75.0%	90.4%	N/A	19.9
ALG 1 Pass Rate	39.7%	62.3%	78.9%	64.2%	68.2%	5.9
ENG 10 Pass Rate	48.5%	51.5%	72.2%	73.2%	72.6%	21.1
Biology Pass Rate	24.9%	41.8%	16.7%	16.0%	16.4%	-25.4
School Grade	F	F	B	B	B	+ 3 letter grades
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

George Washington (IPS) – Lead Partner Model

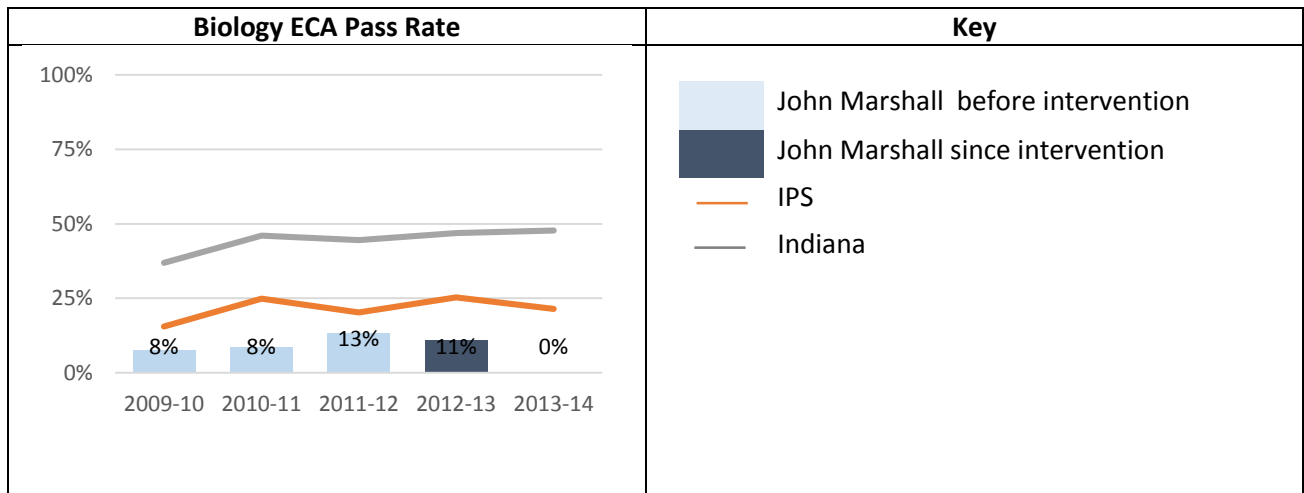




	Pre Intervention Years		Intervention Years			
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 10-11
Attendance	92.4%	92.8%	92.5%	90.9%	92.0%	-0.8
Non-Waiver Graduation Rate	53.6%	60.2%	54.1%	57.0%	N/A	-3.2
ALG 1 Pass Rate	36.0%	67.1%	59.4%	61.2%	48.8%	-18.3
ENG 10 Pass Rate	40.0%	45.2%	48.4%	40.8%	42.0%	-3.2
Biology Pass Rate	11.7%	16.0%	4.7%	30.4%	18.5%	2.5
School Grade	F	F	C	D	D	N/A
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

John Marshall (IPS) – Lead Partner Model

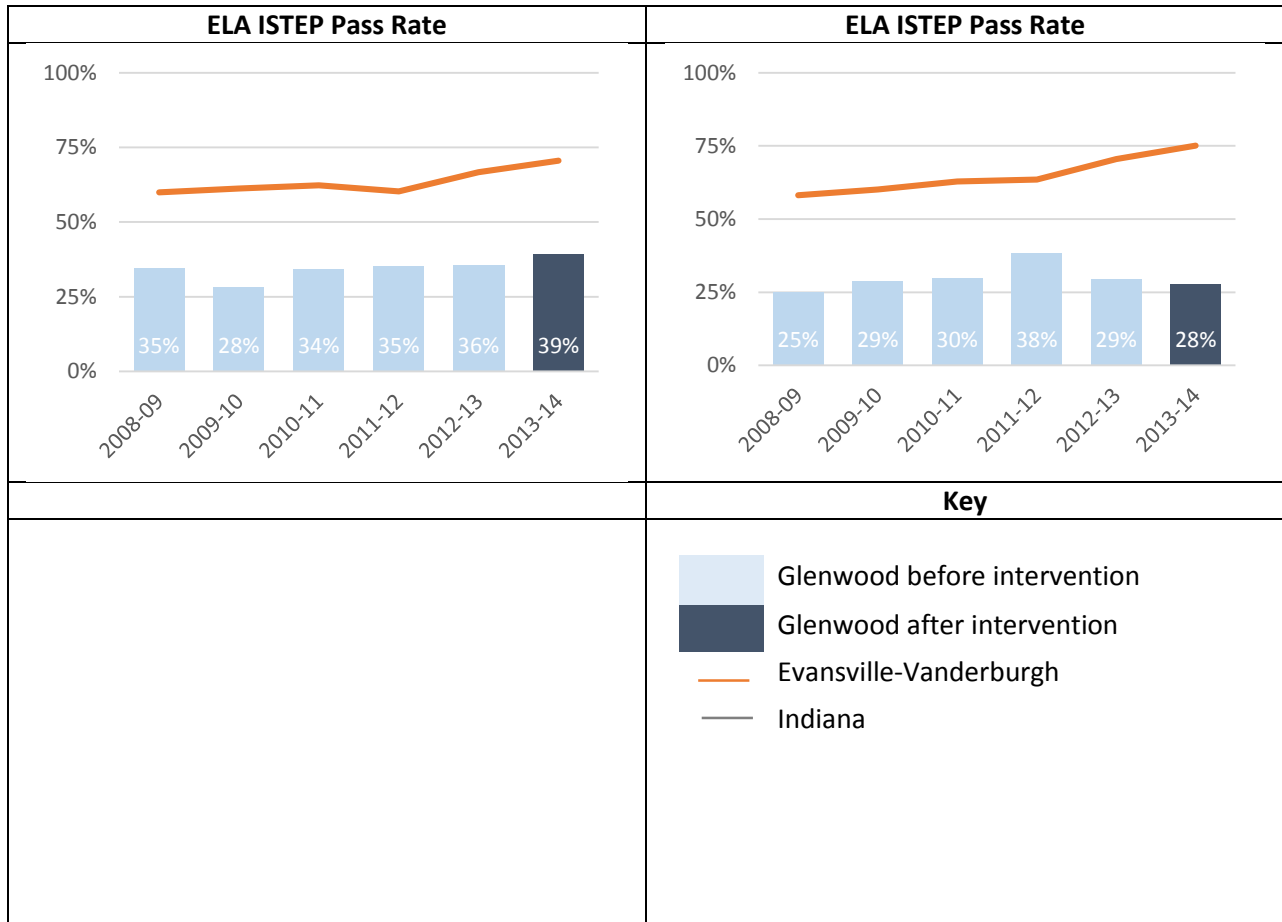




Metric	Pre-Intervention Years			Intervention Years		Change since 10-11
	2009-10	2010-11	2011-12	2012-13	2013-14	
Attendance	99.2%	91.8%	92.5%	89.2%	90.1%	-2.4
Non-Waiver Graduation Rate	-	-	50.9%	46.3%	N/A	-4.6
ALG 1 Pass Rate	17.5%	27.9%	32.7%	32.7%	43.5%	10.8
ENG 10 Pass Rate	22.1%	25.2%	37.6%	35.2%	36.6%	-1.0
Biology Pass Rate	5.0%	7.1%	4.2%	7.9%	5.5%	1.3
Letter Grade	D	D	F	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

Glenwood (EVSC) – Lead Partner Model





	Pre-Intervention Years				Inter. Year	
Metric	2009-10	2010-11	2011-12	2012-13	2013-14	Change since 12-13
Attendance	96.3%	95.7%	98.7%	97.3%	97.3%	0.0
ALG 1 ECA	14.3%	50.0%	56.3%	50.0%	-	-
ELA SGP	-	-	42	29	34	5
Math SGP	-	-	40.5	28	33	5
ELA ISTEP	34.7%	28.0%	34.4%	35.2%	35.6%	0.4
Math ISTEP	25.0%	28.9%	29.7%	38.2%	29.5%	-8.7
School Grade	F	F	F	F	F	No Change
Decline more than 10 pts.	Decline 5-10 pts.	Decline less than 5 pts.	Increase less than 5 pts.	Increase 5-10 pts.	Increase more than 10 pts.	

¹ All data come from Indiana Department of Education website.

² 2013-14 non-waiver graduation rate data not yet available. Change represents 2011-12 to 2012-13.